

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Thomas E. Watson (Reg. No. 43,243) on 09 September 2009.
3. The application has been amended as follows:

IN THE CLAIMS

Claims 31, 54 and 59-66 has been cancelled.

Claim 1 has been amended as follows:

1. (Currently Amended) A system for providing a single telephone number for use with a digital cordless handset and with a second handset, the system comprising:

a wireless access point wired to a wired data network that provides voice and data services, the wireless access point having a means for communicating with the digital cordless handset via a wireless connection, to provide the digital cordless handset wireless access to the wired data network; and

a media gateway having:

means for interfacing with a data switch, the data switch including programming means to respond to routing information in a layer of a switching protocol to route data packets to at least one of the digital cordless handset or the second handset;

means for enabling the wireless access point to generate a ring tone at the digital cordless handset, wherein a call directed toward the second handset is

received at the media gateway, and the telecommunications network generates a ring tone at the second handset, the ring tone generated at the second handset corresponding to the call at the second handset, the second handset being communicatively coupled to the telecommunications network; and

means for linking the telecommunications network to the wired data network, wherein the digital cordless handset and the second handset are assigned the single telephone number,

wherein the means for communicating is wired to the wired data network through a broadband residential gateway, the broadband residential gateway comprising: a broadband modem and a router, and being configured to enable another means for communicating to connect to the wired data network.

Claim 8 has been amended as follows:

8. (Currently Amended) A method for providing a single telephone number for use with a plurality of handsets, the method comprising:

~~employing a processor executing computer-executable instructions to perform the following acts:~~

assigning the single telephone number to a first handset of the plurality of handsets, the first handset being communicatively coupled to a first telecommunications network, wherein the first telecommunications network comprises one or more wireless access points wired to a wired data network through at least one broadband residential gateway including at least one broadband modem and at least one router and configurable to enable other wireless access points to connect to the wired data network, wherein the wired data network provides voice and data services;

assigning the single telephone number to a second handset of the plurality of handsets, the second handset being communicatively coupled to a second telecommunications network;

providing, for the first handset, via a wireless connection from the one or more wireless access points, wireless access to the wired data network; and

enabling a media gateway to:

receive a call directed toward the second handset, the second handset being associated with the single telephone number and being communicatively coupled to the second telecommunications network;

interface with a data switch for routing information in a layer of a switching protocol to at least one of the first handset or the second handset;

enable one of the one or more wireless access points to generate a ring tone at the first handset, and the second telecommunications network to generate a ring tone at the second handset corresponding to the call at the second handset; and

link the second telecommunications network to the wired data network.

Claim 9 has been amended as follows:

9. (Currently Amended) The method of claim 8, further comprising ~~employing the processor executing computer-executable instructions to perform the following acts :~~

detecting an incoming communication from a calling party to the single telephone number; and

placing outgoing communications to the first handset and the second handset in response to detecting the incoming communication.

Claim 10 has been amended as follows:

10. (Currently Amended) The method of claim 9, further comprising ~~employing the processor executing computer-executable instructions to perform the~~

~~following acts~~ : connecting the incoming communication to a first one of the first handset or the second handset to be answered.

Claim 11 has been amended as follows:

11. (Currently Amended) The method of claim 10, further comprising ~~employing the processor executing computer executable instructions to perform the following acts~~ : dropping each of the outgoing communications other than a one of the outgoing communications associated with the first one of the first handset or the second handset to be answered.

Claim 27 has been amended as follows:

27. (Currently Amended) A system for providing a single telephone number for use with a digital cordless handset and with a second handset, the system comprising:

means for receiving an incoming call directed to the single telephone number, wherein the single telephone number is assigned to the digital cordless handset and the second handset;

means for routing the incoming call to the digital cordless handset, wherein the digital cordless handset communicates, via a wireless connection, with a wireless access point wired to a wired data network through at least one broadband residential gateway including at least one broadband modem and at least one router to provide the digital cordless handset wireless access to the wired data network, wherein the wireless access point is adapted to enable other wireless access points to connect to the wired data network, and wherein the wired data network provides voice and data services;

means for routing the incoming call to the second handset, the second handset being communicatively coupled to a telecommunications network; and

means for enabling a media gateway to:

receive a call directed toward the second handset, the second handset being associated with the single telephone number and the telecommunications network;

interface with a data switch for routing information in a layer of a switching protocol to at least one of the digital cordless handset or the second handset;

enable the wireless access point to generate a ring tone at the digital cordless handset, and the telecommunications network to generate a ring tone at the second handset, the ring tone at the second handset being associated with the call directed toward the second handset; and

link the telecommunications network to the wired data network.

Claim 47 has been amended as follows:

47. (Currently Amended) A media gateway comprising:

means for enabling a wireless access point to generate a ring tone at a digital cordless handset;

means for interfacing with a data switch for routing information in a layer of a switching protocol to at least one of the digital cordless handset or a second handset;

means for linking a telecommunications network to a wired data network configured to provide voice and data services, the telecommunications network generating a ring tone at the second handset, the ring tone at the second handset corresponding to a call directed toward the second handset, wherein the digital cordless handset and the second handset are assigned a single telephone number, the second handset being communicatively coupled to the telecommunications network, and the wireless access point being wired to the wired data network and communicating, via a wireless connection, with the digital cordless handset to provide wireless access to the wired data network; and

means for receiving the call directed toward the second handset corresponding to the single telephone number on the telecommunications network,

wherein the wireless access point is wired to the wired data network through a broadband residential gateway, the broadband residential gateway comprising: a broadband modem and a router, and being configured to enable another wireless access point to connect to the wired data network.

Allowable Subject Matter

4. **Claims 1, 3-11, 13-17, 27-30, 32-36, 39-44, 47-53 and 55-58** (renumbered as **claims 1-41**, respectively) are allowed.
5. The following is a statement of reasons for the indication of allowable subject matter:

Claims 1, 3-11, 13-17, 27-30, 32-36, 39-44, 47-53 and 55-58 are allowed in view of Applicant's remarks/amendment filed on March 17, 2009.

In addition to the reasons noted in Applicants remarks/amendment filed on March 17, 2009, Gallant in view of Robbins, fails to anticipate or render the uniquely distinct features of "wherein the wireless access point is wired to the wired data network through a broadband residential gateway, the broadband residential gateway comprising: a broadband modem and a router, and being configured to enable another wireless access point to connect to the wired data network" in combination with all the recited limitations of claims 1, 8, 27 and 47 obvious, over any of the prior art of record, alone or in combination.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Sylvain, U.S. Patent Number 6,978,003 discloses adaptive call routing for multiple telephony terminals.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to ANTHONY S. ADDY whose telephone number is (571)272-7795. The examiner can normally be reached on Mon-Thur 8:00am-6:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Edouard can be reached on 571-272-7603. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

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/A. S. A./

Examiner, Art Unit 2617

/Patrick N. Edouard/

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